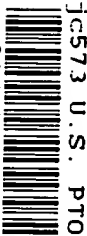


09/17/98



1c573 U.S. PTO

Please type a plus sign (+) inside this box ☐ ☒
 PTO/SB/05 (12/97)  
 Approved for use through 09/30/00. OMB 0651-0032  
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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

ID0835

Total Pages

4

First Named Inventor or Application Identifier

Mauger, et al.

Express Mail Label No.

EL158463659US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification [Total Pages 48]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the invention
  - Brief Summary of the invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3. ☒ Drawing(s) (35 USC 113) [Total Sheets 10]
4. Oath or Declaration [Total Pages ]
  - a. ☐ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)  
[Note Box 5 below]
    - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Copy
  - b. ☐ Paper Copy (identical to computer copy)
  - c. ☐ Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

8. ☐ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
14. ☐ Small Entity ☐ Statement filed in prior application, Status still proper and desired
15. ☒ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Other: \_\_\_\_\_

## 17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: \_\_\_\_\_

## 18. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

021498

or ☒ Correspondence address below

(Insert Customer No. or Attach bar code label here)

NAME

John D. Crane, Registration No. 25,231

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**FEE TRANSMITTAL**

Note: Effective October 1, 1997.  
Patent fees are subject to annual revision.

**TOTAL AMOUNT OF PAYMENT (\$)** 1,246**Complete if Known**

Application Number	Unknown
Filing Date	Sep. 17, 1998
First Named Inventor	Mauger, et al.
Group Art Unit	****
Examiner Name	Unknown
Attorney Docket Number	ID0835

**METHOD OF PAYMENT (check one)**

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number: 50-0210  
Deposit Account Name: Northern Telecom

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  
☒ Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance

2. ☐ Payment Enclosed:  
☐ Check ☐ Money Order ☐ Other

**FEE CALCULATION****1. FILING FEE**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
104	790	201	395	Utility filing fee	790
106	330	206	165	Design filing fee	
107	540	207	270	Plant filing fee	
108	790	208	395	Reissue filing fee	
114	150	214	75	Provisional filing fee	
<b>SUBTOTAL (1)</b>					<b>(\$)</b> 790

**2. CLAIMS**

Total Claims	Extra	Fee from below	Fee Paid
37	-20 =	17 X 22 =	374
Independent Claims	4 - 3 =	1 X 82 =	82
Multiple Dependent Claims	0	0 X 270 =	0

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	22	203	11	Claims in excess of 20
102	82	202	41	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim
109	82	209	41	Reissue independent claims over original patent
110	22	210	11	Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)** (\$)

456

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	0
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	0
139	130	139	130	Non-English specification	0
147	2,520	147	2,520	For filing a request for reexamination	0
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	0
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	0
115	110	215	55	Extension for reply within first month	0
116	400	216	200	Extension for reply within second month	0
117	950	217	475	Extension for reply within third month	0
118	1,510	218	755	Extension for reply within fourth month	0
128	2,060	228	1,030	Extension for reply within fifth month	0
119	310	219	155	Notice of Appeal	0
120	310	220	155	Filing a brief in support of an appeal	0
121	270	221	135	Request for oral hearing	0
138	1,510	138	1,510	Petition to institute a public use proceeding	0
140	110	240	55	Petition to revive - unavoidable	0
141	1,320	241	660	Petition to revive - unintentional	0
142	1,320	242	660	Utility issue fee (or reissue)	0
143	450	243	225	Design issue fee	0
144	670	244	335	Plant issue fee	0
122	130	122	130	Petitions to the Commissioner	0
123	50	123	50	Petitions related to provisional applications	0
126	240	126	240	Submission of Information Disclosure Stmt	0
581	40	581	40	Recording each patent assignment per property (times number of properties)	0
146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))	0
149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))	0
Other fee (specify) _____					0
Other fee (specify) _____					0

\* Reduced by Basic Filing Fee Paid

**SUBTOTAL(3)** (\$)

0

**SUBMITTED BY**

Typed or Printed Name: John D. Crane

Signature: John D. Crane

Date: 09/17/98

**Complete (if applicable)**

Reg. Number: 25,231

Deposit Account User ID: 50-0210

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Practitioner's Docket No. ID0835

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Mauger, Roy Harold; Cable, Julian Frank Barry; and Hayball, Clive Colin  
Serial No.: Unknown Group No.: \*\*\*\*  
Filed: 09/17/1998 Examiner: Unknown  
For: Communication System Architecture and Operating Methods Thereof



Assistant Commissioner for Patents  
Washington, D.C. 20231

EXPRESS MAIL CERTIFICATE

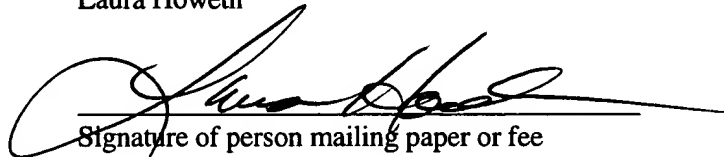
"Express Mail" label number EL158463659US  
Date of Deposit 09/17/1998

I hereby state that the following *attached* paper or fee

New Utility Patent Application

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10, on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Laura Howeth

A handwritten signature in black ink, appearing to read 'Laura Howeth', written over a horizontal line.

Signature of person mailing paper or fee

(Express Mail Certificate)